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# Alternative Fuels in State Vehicles

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Energy Center fact sheet

5/2004

## What are AFVs?

Alternative fuel vehicles (AFVs) are those vehicles that can run on non-traditional fuels. Some of these alternative fuels include E-85 (85 percent ethanol), propane, biodiesel and compressed natural gas.

## Why use alternative fuels?

Filling up your state vehicle's tank with alternative fuels makes sense on several levels.

- First, alternative fuels burn cleaner than traditional fuels, thus reducing air pollution and other environmental impacts.
- Alternative fuels also pave the way for greater fuel independence from foreign oil.
- Of these alternative fuels, E-85, a corn-based ethanol blend, offers additional market opportunities for Missouri farmers.
- B20, a blend of 20 percent soy-based biodiesel and 80 percent petroleum diesel, can be used in any diesel engine.

## AFV requirements in Missouri law

Because alternative fuels benefit both Missouri's environment and economy, their use in state vehicles is also Missouri law.

- The Fuel Conservation for State Vehicles statute (Sections 414.400 – 414.417 RSMo) requires the purchase of alternative fuel vehicles and sets goals for the amount of alternative fuels to be used in these vehicles.
- State law requires that 50 percent of new vehicles purchased be AFVs and that 30 percent of the fuel burned in these vehicles be alternative fuels.

## Am I driving an AFV?

- Alternative fuel vehicles in the state fleet should be clearly identified.
- If your agency has a checkout folder system for vehicles, the AFVs should be identified on/in the folder as well.
- Please coordinate with your agency's fleet manager to determine if you are driving an alternative fuel vehicle.



## **Alternative Fuels Filling Stations in Missouri**

### **E-85**

- ♦ Ballwin: Ceruti Citgo, 15401 Clayton Road,
- ♦ Columbia: Breaktime, 200 N. Providence
- ♦ Jefferson City: Convenient Mart, 701 Eastland Drive
- ♦ Jefferson City: Convenient Mart, 3714 W. Truman Blvd.
- ♦ Kansas City: Presto, 649 Bannister Road
- ♦ Smithville: Cenex Ampride, 1102 S. Hwy 169

### **B20 (20 percent biodiesel)**

- ♦ Jefferson City: Convenient Mart, 3714 W. Truman Blvd.
- ♦ Marshall: Thomas Oil Co., 430 N. Lincoln

### **Propane**

- ♦ The Missouri Propane Gas Association (<http://www.mopga.com>) publishes a directory of propane refueling locations.

## **For More Information**

For more information about alternative fuels contact:

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